

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	61657	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:26
S2	15080	S1 and "fuel cell"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:26
S3	616	S2 and ((cool or coolant or cooling) adj10 hydrogen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:34
S4	15	S3 and ((cool or coolant or cooling) adj10 (permeable or permeate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:45
S5	1	10/717356	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:49
S6	3419	((cool or coolant) adj10 hydrogen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:50
S7	298	S6 and ((cool or coolant or cooling) adj10 (permeable or permeating or filter or filtering or removing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:51
S8	120	S7 and ((hydrogen) adj10 (permeable or permeating or filter or filtering or removing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:51
S9	20	S8 and ((cool or coolant or cooling) adj10 (conduit or tube or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:52

## EAST Search History

S10	3	S3 and ((cool or cooling or coolant) adj10 (silicon or Si))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:31
S11	0	S3 and ((silicon or Si) adj10 (tube or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:32
S12	0	S3 and ((silicon or Si) adj10 (tube or tubing or tubing or hose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:33
S13	6	S3 and ((por or porous or porosity) adj10 (tube or tubing or tubing or hose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:33
S14	1	S13 and ((hydrogen) adj10 (tube or tubing or tubing or hose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:33
S15	185	S2 and ((cool or coolant or cooling) adj10 (tube or tubing or tubing or hose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:34
S16	15	S15 and ((hydrogen) adj10 (tube or tubing or tubing or hose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:41
S17	328	S2 and ((pore or porous or porosity) adj10 (tube or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:41
S18	16	S17 and ((cool or coolant) adj10 (tube or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:04
S19	500	S2 and ((cool or cooling or coolant) same (tube or tub or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:06

## EAST Search History

S20	129	S19 and ((pore or porous or porosity) same (tube or tub or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:05
S21	44	S19 and ((pore or porous or porosity) adj10 (tube or tub or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:05
S22	19	S21 and ((cool or cooling or coolant) adj10 (tube or tub or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:06

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S5	1	10/717356	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:49
S6	3419	((cool or coolant) adj10 hydrogen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:50
S7	298	S6 and ((cool or coolant or cooling) adj10 (permeable or permeating or filter or filtering or removing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:51
S8	120	S7 and ((hydrogen) adj10 (permeable or permeating or filter or filtering or removing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:51
S9	20	S8 and ((cool or coolant or cooling) adj10 (conduit or tube or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 22:52

## EAST Search History

S10	3	S3 and ((cool or cooling or coolant) adj10 (silicon or Si))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:31
S11	0	S3 and ((silicon or Si) adj10 (tube or tubing or tubbing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:32
S12	0	S3 and ((silicon or Si) adj10 (tube or tubing or tubbing or hose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:33
S13	6	S3 and ((por or porous or porosity) adj10 (tube or tubing or tubbing or hose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:33
S14	1	S13 and ((hydrogen) adj10 (tube or tubing or tubbing or hose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:33
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S16	15	S15 and ((hydrogen) adj10 (tube or tubbing or tubing or hose))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:41
S17	328	S2 and ((pore or porous or porsity) adj10 (tube or tubbing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/29 23:41
S18	16	S17 and ((cool or coolant) adj10 (tube or tubbing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:04
S19	500	S2 and ((cool or cooling or coolant) same (tube or tub or tubing or tubbing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:06

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S20	129	S19 and ((pore or porous or porosity) same (tube or tub or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:05
S21	44	S19 and ((pore or porous or porosity) adj10 (tube or tub or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:05
S22	19	S21 and ((cool or cooling or coolant) adj10 (tube or tub or tubing or tubing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/08/30 00:06